

ahn

2023/24

CATALOGUE





For over twenty years AHN Biotechnologie GmbH has been an OEM manufacturer of consumables for many top life science brands and distribution companies in Germany and worldwide. Located in Nordhausen, Germany, our state of the art production facility meets and exceeds the strict requirements of the most well-known brands we are supplying.

Now, it is time for AHN Biotechnologie GmbH to introduce its own brand and provide value directly to scientists worldwide. Besides our current products we are strengthening our brand by introducing a comprehensive range of consumables, liquid handling instruments and laboratory equipment. Our unique combination of flexibility, innovation and high level manufacturing automation will ensure laboratory products fulfilling the needs of worldwide customers and complying with the quality they desire.

Our know-how within pipette tips production has now been strengthened by the implementation of newly developed Swiss molds, leading to the launch of new tip-lines, matching the strict standards of modern lab industry. Our goal is to offer the markets best value for money on pipette tips and other AHN products.

To obtain the most optimal performance of our consumables, we have been continuously working on the improvement of our instruments. The new pipet4u® pro pipettes, with improved accuracy and greater user-friendliness, along with the brand new AHN myDpette bottle top dispensers, convince by the simplicity of their use, combined with the highest quality of workmanship. With our pipet4u® Revolution we offer an affordable range of electronic pipettes. Profit from the benefits of electronic dispensing, such as improved precision and multi dispensing function.

The AHN myLab® products are being brought to market with one thing in mind: YOU. A wide range of centrifuges, stirrers and shakers are available in a variety of sizes, multiple accessories and more features than most of the competitors.

We invite you to explore the new AHN and discover a better way to source your laboratory equipment and consumables.

www.ahn-bio.de

List of Contents



CONSUMABLES

Pipette Tips	5
Macro Tips	5
Filter Tips	7
Low Retention Tips	9
Reload System	11
Rack Box System	12
Compatibility Chart	14
PCR Tubes	16
PCR Strips	17
PCR Plates	18
Deep Well Plates	19
Sealing Membranes	20
Petri Dishes	21
Micro Tubes	22
Centrifuge Tubes	23
Reagent Reservoirs	24



PURIFICATION

Spin Column System	25
Microfilterplate System	25



PIPETTING

Manual Pipettes	27
Pipette Stands	32
Electronic Pipettes	33
Pipette Controller	35
Bottle Top Dispenser	36



BENCHTOP EQUIPMENT

Microcentrifuges	37
Clinical Centrifuges	41
Hematocrit Centrifuge	42
Refrigerated Centrifuge	43
Universal Centrifuge	45
Mini Vortex Mixer	47
Vortex Mixer	48
Stirrers	49
Tube Roller	53
Tube Rotators	54

Sustainability

At AHN Biotechnologie GmbH we model our commitment to sustainable production through our environmentally-friendly manufacturing practices and products.

We have a wide range of sustainable laboratory consumables expertly crafted to help you reach your sustainability goals while practicing excellent science.

4



100%
electrical injection moulding

= 40% less electricity consumption
compared to hydraulic machines



100%
recycled plastic

in production of AHN rack boxes
= 11.3 million recycled tips in 2021



100%
reusable racks

suitable for multiple
autoclaving cycles



65%
space saved

when using a reload system
- reducing packaging and transport



59%
plastic saved

when using a reload system



Zero
additional plastic ingredients

packs, inserts and reloads are made
entirely from recyclable polypropylene



Unlimited
upcycling options

for reusing tip racks as
storage solutions



ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

ahn myTip®

Pipette Tips

Optimised fit and easy tip ejection - improved cone geometry for a secure fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents drop formation at the end of the tip

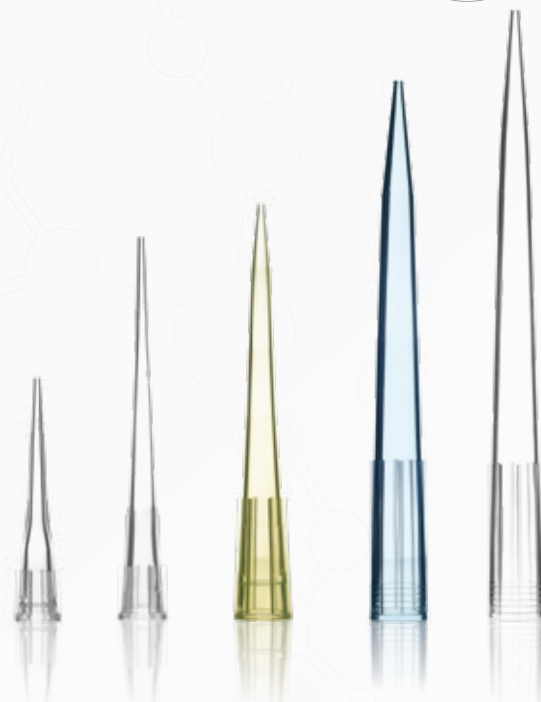
High-quality material - tips made of autoclavable, non-wettable, virgin polypropylene

Easy identification of pipette tips - colour-coded racks allows the quick and easy identification of the pipette tip and a suitable pipette

Maintain sample integrity - sterile version available (beta irradiation)

Versions - available in bags and rack boxes

Compatibility list available on request



5

metal
free

ahn myTip®

Macro Tips MaT

Optimised cone geometry - ensuring perfect fit on the chosen pipette

Precision without loss of sample - conical tip opening to avoid formation of drops

Elimination of sample contamination - tips made of autoclavable, non-wettable, virgin polypropylene material

Maintain sample integrity - sterile version available (beta irradiation)

Packaging - available in bags

Compatibility list available on request

metal
free



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Ordering information

6

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	1-002-81-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-002-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-003-C5-0
 AHN myTip® 10/20 µL, XL	45.80 mm	clear			bag	case / 20 x 1000 tips	1-062-81-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-062-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-063-C5-0
 AHN myTip® 200 µL	53.40 mm	clear			bag	case / 30 x 1000 tips	1-121-86-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-121-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-122-C5-0
 AHN myTip® 200 µL	53.40 mm	yellow			bag	case / 30 x 1000 tips	1-121-86-1
		yellow	■		racked	case / 5 x 10 x 96 tips	1-121-C5-1
		yellow	■	■	racked	case / 5 x 10 x 96 tips	1-122-C5-1
 AHN myTip® Gelloader 200 µL	68.50 mm	clear			bag	case / 5 x 1000 tips	1-130-70-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-130-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-131-C4-0
 AHN myTip® 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	1-127-80-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-127-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-128-C5-0
 AHN myTip® 1000 µL	84.30 mm	clear			bag	case / 20 x 500 tips	1-202-80-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-202-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-203-C4-0
 AHN myTip® 1000 µL	84.30 mm	blue			bag	case / 20 x 500 tips	1-202-80-2
		blue	■		racked	case / 4 x 8 x 96 tips	1-202-C4-2
		blue	■	■	racked	case / 4 x 8 x 96 tips	1-203-C4-2
 AHN myTip® 1250 µL	97.60 mm	clear			bag	case / 20 x 500 tips	1-204-80-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-204-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-205-C4-0

Volume	Length	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® MaT 5 mL	124.00 mm	clear		bag	case / 10 x 250 tips	1-218-61-0
		clear	■	bag	case / 10 x 250 tips	1-222-61-0
 AHN myTip® MaT 5 mL	126.00 mm	clear		bag	case / 8 x 250 tips	1-210-84-0
 AHN myTip® MaT 5.5 mL	147.50 mm	clear		bag	case / 8 x 250 tips	1-212-84-0
		clear	■	bag	case / 8 x 250 tips	1-216-84-0
 AHN myTip® MaT 10 mL	150.00 mm	clear		bag	case / 10 x 100 tips	1-213-50-0
 AHN myTip® MaT 10 mL	181.00 mm	clear		bag	case / 5 x 200 tips	1-220-50-0
		clear	■	bag	case / 5 x 200 tips	1-224-50-0

Filter Tips FT



7

No sample contamination - filters are made of virgin high-quality hydrophobic polyethylene without additives

No pipette contamination - filter provides reliable protection against contamination through micropore filter technology (MPF technology, filter pore size 10-40 µm)

Universal fit and tip ejection - optimised cone geometry for a secure fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents any formation of drops at the end of the tip

Elimination of sample contamination - tips made of non-wettable, virgin polypropylene

Easy identification of pipette tips - colour-coded racks allows the quick and easy identification of the pipette tip and a suitable pipette

Maintain sample integrity - sterile version available (beta irradiation)

Versions - available in bags and rack boxes

Compatibility list available on request



metal
free

Filter	Average pore size	Material	Characteristic	Used in following filter tip
	10-40 µm	PE	hydrophobic	10 µL 10 µL XL
	10-40 µm	PE	hydrophobic	20 µL
	10-40 µm	PE	hydrophobic	100 µL
	10-40 µm	PE	hydrophobic	200 µL 300 µL
	10-40 µm	PE	hydrophobic	1000 µL
	20-40 µm	PE	hydrophobic	1250 µL



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Ordering information

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® FT 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	2-002-81-0
		clear			racked	case / 5 x 10 x 96 tips	2-003-C5-0
 AHN myTip® FT 10/20 µL XL	45.80 mm	clear			bag	case / 20 x 1000 tips	2-062-81-0
		clear			racked	case / 5 x 10 x 96 tips	2-063-C5-0
 AHN myTip® FT 20 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-117-80-0
		clear			racked	case / 5 x 10 x 96 tips	2-118-C5-0
 AHN myTip® FT 100 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-119-80-0
		clear			racked	case / 5 x 10 x 96 tips	2-120-C5-0
 AHN myTip® FT 200 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-127-80-0
		clear			racked	case / 5 x 10 x 96 tips	2-128-C5-0
 AHN myTip® FT 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	2-134-80-0
		clear			racked	case / 5 x 10 x 96 tips	2-135-C5-0
 AHN myTip® FT 1000 µL	84.30 mm	clear			bag	case / 10 x 1000 tips	2-202-80-0
		clear			racked	case / 4 x 8 x 96 tips	2-203-C4-0
 AHN myTip® FT 1250 µL	97.60 mm	clear			bag	case / 10 x 1000 tips	2-204-80-0
		clear			racked	case / 4 x 8 x 96 tips	2-205-C4-0



ahn myTip®

Low Retention Tips LT | LFT



Low retention tips and filter tips - the innovative low retention surface ensures maximum sample recovery and high-precision pipetting

Universal fit and tip ejection - optimised cone geometry for a secure fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents any drop formation at the end of the tip

Elimination of sample contamination - tips made of autoclavable, non-wettable, virgin polypropylene

Maintain sample integrity - sterile version available (beta irradiation)

No sample contamination - filters are made of virgin high-quality hydrophobic polyethylene without additives

No pipette contamination - filter provides reliable protection against contamination through micropore filter technology (MPF technology, filter pore size 10-40 µm)

Easy identification of pipette tips - colour-coded racks allows the quick and easy identification of the pipette tip and a suitable pipette

Versions - available in bags and rack boxes, tips and filter tips

Compatibility list available on request

metal
free



Standard Tip

AHN myTip® LT | LFT
Low Retention Tips | Filter Tips

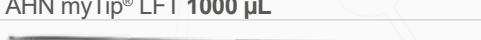


Ordering information

Low Retention Tips

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® LT 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	4-002-81-0
		clear			racked	case / 5 x 10 x 96 tips	4-003-C5-0
 AHN myTip® LT 10/20 µL XL	45.80 mm	clear			bag	case / 20 x 1000 tips	4-062-81-0
		clear			racked	case / 5 x 10 x 96 tips	4-063-C5-0
 AHN myTip® LT 200 µL	53.40 mm	clear			bag	case / 30 x 1000 tips	4-121-86-0
		clear			racked	case / 5 x 10 x 96 tips	4-122-C5-0
 AHN myTip® LT 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	4-127-80-0
		clear			racked	case / 5 x 10 x 96 tips	4-128-C5-0
 AHN myTip® LT 1000 µL	84.30 mm	clear			bag	case / 20 x 500 tips	4-202-80-0
		clear			racked	case / 4 x 8 x 96 tips	4-203-C4-0
 AHN myTip® LT 1250 µL	97.60 mm	clear			bag	case / 10 x 1000 tips	4-204-80-0
		clear			racked	case / 4 x 8 x 96 tips	4-205-C4-0

Low Retention Filter Tips

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® LFT 10 µL	31.20 mm	clear			racked	case / 5 x 10 x 96 tips	5-003-C5-0
 AHN myTip® LFT 10/20 µL XL	45.80 mm	clear			racked	case / 5 x 10 x 96 tips	5-063-C5-0
 AHN myTip® LFT 20 µL	53.40 mm	clear			racked	case / 5 x 10 x 96 tips	5-118-C5-0
 AHN myTip® LFT 100 µL	53.40 mm	clear			racked	case / 5 x 10 x 96 tips	5-120-C5-0
 AHN myTip® LFT 200 µL	53.40 mm	clear			racked	case / 5 x 10 x 96 tips	5-128-C5-0
 AHN myTip® LFT 300 µL	59.35 mm	clear			racked	case / 5 x 10 x 96 tips	5-135-C5-0
 AHN myTip® LFT 1000 µL	84.30 mm	clear			racked	case / 4 x 8 x 96 tips	5-203-C4-0
 AHN myTip® LFT 1250 µL	97.60 mm	clear			racked	case / 4 x 8 x 96 tips	5-205-C4-0

ahn myTip®

Reload System RL



Eco-friendly and cost-effective tip management solution – each reload tower accommodates multiple insert plates of refill tips. This minimises plastic waste **by approximately 70% per pack** and reuses the current AHN myTip® RB rack boxes by simply replacing empty plates with full ones from the AHN myTip® RL reload towers

Secure fit of pipette tips – pipette tips sit stable and secure in the insert plate, enabling easy handling with multi channel pipettes

Secure and comfortable handling – AHN myTip® RL insert plate securely snaps into the rackbox, but can be easily removed again. To facilitate the handling for users with small hands, the tabs of the AHN myTip® RL insert plate are located on the longer side

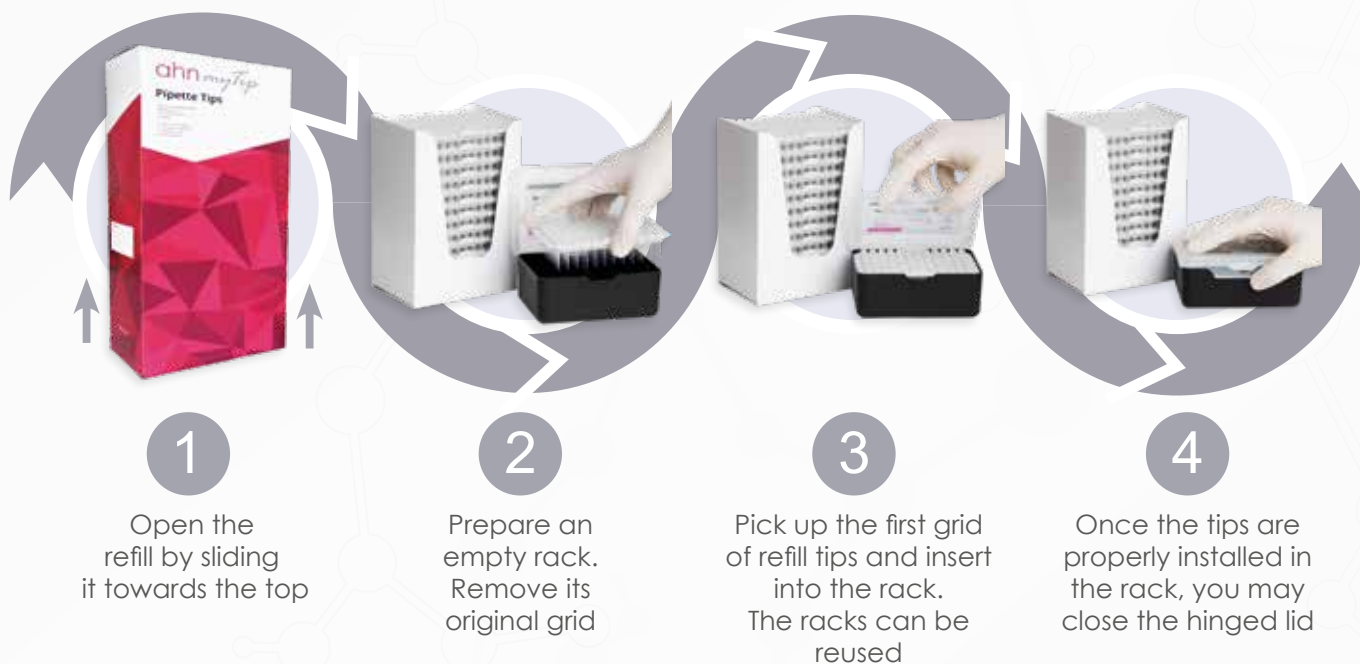
Easy identification of pipette tips – colour-coded racks allows quick and easy identification of the pipette tip, and therefore a suitable pipette

Space-saving – small footprint of the AHN myTip® RL reload towers means there is more space both on the benchtop and in the storage room



metal
free

11



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Ordering information

Reload System (RL)

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® RL 10 µL	31.20mm	Clear			reload	case / 10 x 10 x 96 tips	1-002-C1-R
 AHN myTip® RL 10/20 µL XL	45.80mm	Clear			reload	case / 10 x 10 x 96 tips	1-062-C1-R
 AHN myTip® RL 200 µL	53.40mm	Clear			reload	case / 10 x 10 x 96 tips	1-121-C1-R
 AHN myTip® RL 300 µL	59.35mm	Clear			reload	case / 10 x 8 x 96 tips	1-127-C2-R
 AHN myTip® RL 1000 µL	84.30mm	Clear			reload	case / 10 x 5 x 96 tips	1-202-C3-R

ahn myTip®

Rack Box System RB

(without Tips)

Effortless and secure handling - easy one-handed opening and closing of rack box / secure rack box closing / rack boxes can be stacked for easy storage

Universal fit - suitable for multi channel pipettes (standard 9mm SBS footprint)

Easy identification of pipette tip - colour-coded insert plates allow for quick identification of the pipette tip volume

Rack boxes available in small & large size / racks in 8 x 12 format



metal
free

Ordering information

Rack Box System without Tips (RB)

Volume		Colour	Sales Unit	Cat. No.
AHN myTip® RB for tips 10 µL/10 µL XL		clear black (RB) / light grey (I)*	case / 5 x 10 rack boxes	4-500-C5-E
AHN myTip® RB for tips 200 µL/300 µL		clear black (RB) / yellow (I)*	case / 5 x 10 rack boxes	4-501-C5-E
AHN myTip® RB for tips 200 µL Gelloader		clear black (RB) / yellow (I)*	case / 4 x 8 rack boxes	4-502-C4-E
AHN myTip® RB for tips 1000 µL		clear black (RB) / blue (I)*	case / 4 x 8 rack boxes	4-503-C4-E
AHN myTip® RB for tips 1250 µL		clear black (RB) / blue (I)*	case / 4 x 8 rack boxes	4-504-C4-E

*RB - Rack Box | I - Insert Plate

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

Cleaner, greener transport

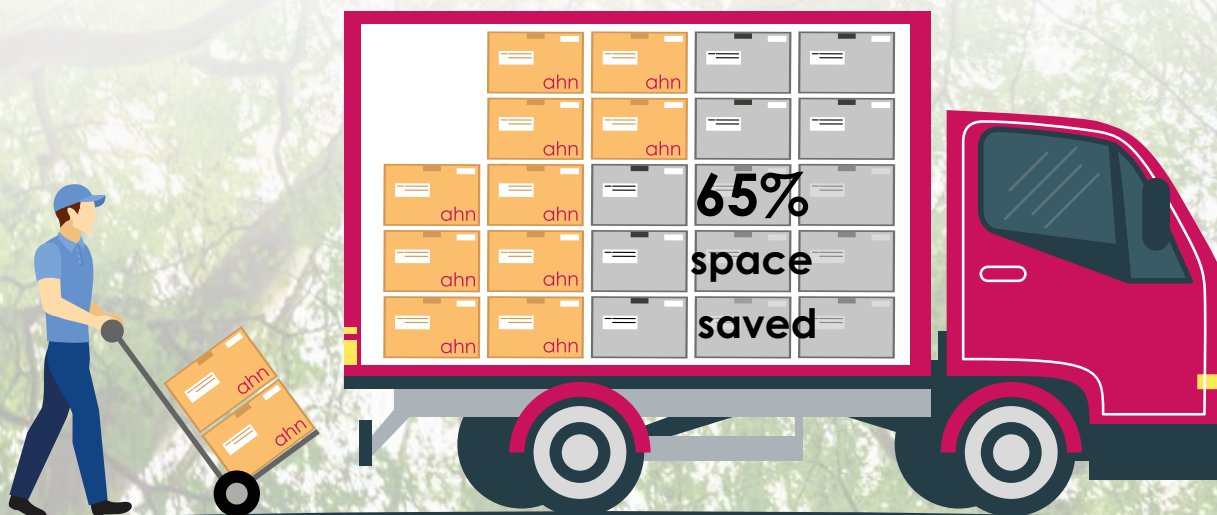
– reducing our carbon footprint

Over the last few years we have worked hard to hone our skills in sustainable production, and one barrier we have overcome is that of product shipping.

With our revolutionary reload system, we have been able to save **65% more space** on each shipping consignment and also save valid benchtop space in your lab!



Consequently, this has reduced our overall carbon footprint in shipping and other transportation.



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Compatibility Chart

Compatibility Chart

■ compatible

✗ not compatible

The compatibility chart above is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes. Specifications like inaccuracy and imprecision values have not been tested. For additional compatibility charts, please contact info@cappahn.com.



Compatibility Chart



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Description	Cat. No.	AHN		Gison		Eppendorf		Brand		Thermo		Sartorius		HTL	
		Pipetku Pro / Pipetku Revolution single and multi channel pipettes	multi	Pipetman / Pipetman G single and multi channel pipettes	single	Research Plus single and multi channel pipettes	single	Transferette, Transferette S single and multi channel pipettes	single	Finnpipette F1 / Novus manual single and multi channel pipettes and electronic single and multi channel pipettes	manual single	Proline Plus / Picus manual single and multi channel pipettes	single	Labmate Pro (same as Labnet BioPette) manual single and multi channel pipettes	manual multi
AHN myTip® Filler Tips															
AHN myTip® FT 10 µL, clear	2-002-81-0														
AHN myTip® FT 10 µL, clear, sterile	2-003-C5-0														
AHN myTip® FT 10/20 µL, clear	2-062-81-0														
AHN myTip® FT 10/20 µL, XL, clear, sterile	2-063-C5-0														
AHN myTip® FT 20 µL, clear	2-117-80-0														
AHN myTip® FT 20 µL, clear, sterile	2-118-C5-0														
AHN myTip® FT 100 µL, clear	2-119-80-0														
AHN myTip® FT 100 µL, clear, sterile	2-120-C5-0														
AHN myTip® FT 200 µL, clear	2-127-80-0														
AHN myTip® FT 200 µL, clear, sterile	2-128-C5-0														
AHN myTip® FT 300 µL, clear	2-134-80-0														
AHN myTip® FT 300 µL, clear, sterile	2-135-C5-0														
AHN myTip® FT 1000 µL, clear	2-202-80-0														
AHN myTip® FT 1000 µL, clear, sterile	2-203-C4-0														
AHN myTip® FT 1250 µL, clear	2-204-80-0														
AHN myTip® FT 1250 µL, clear, sterile	2-205-C4-0														
AHN myTip® LT Low Retention Pipette Tips															
AHN myTip® LT 10 µL, clear	4-002-81-0														
AHN myTip® LT 10 µL, clear, sterile	4-003-C5-0														
AHN myTip® LT 10/20 µL, clear	4-062-81-0														
AHN myTip® LT 10/20 µL, XL, clear, sterile	4-063-C5-0														
AHN myTip® LT 200 µL, clear	4-121-86-0														
AHN myTip® LT 200 µL, clear, sterile	4-122-C5-0														
AHN myTip® LT 300 µL, clear	4-127-80-0														
AHN myTip® LT 300 µL, clear, sterile	4-128-C5-0														
AHN myTip® LT 1000 µL, clear	4-202-80-0														
AHN myTip® LT 1000 µL, clear, sterile	4-203-C4-0														
AHN myTip® LT 1250 µL, clear	4-204-80-0														
AHN myTip® LT 1250 µL, clear, sterile	4-205-C4-0														
AHN myTip® LFT Low Retention Filter Tips															
AHN myTip® LFT 10 µL, clear, sterile	5-003-C5-0														
AHN myTip® LFT 10/20 µL, clear, sterile	5-063-C5-0														
AHN myTip® LFT 20 µL, clear, sterile	5-118-C5-0														
AHN myTip® LFT 100 µL, clear, sterile	5-120-C5-0														
AHN myTip® LFT 200 µL, clear, sterile	5-128-C5-0														
AHN myTip® LFT 300 µL, clear, sterile	5-135-C5-0														
AHN myTip® LFT 1000 µL, clear, sterile	5-203-C4-0														
AHN myTip® LFT 1250 µL, clear, sterile	5-205-C4-0														

■ compatible x not compatible

The compatibility chart above is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes. Specifications like inaccuracy and imprecision values have not been tested. For additional compatibility charts, please contact info@cappahn.com.

ahn myTube®

PCR Tubes



0.1 mL | 0.2 mL

16

Elimination of contamination and loss of sample

- high-quality raw material meets high standards for purity, is extremely resistant to extreme mechanical strain and has excellent chemical resistance

Improved sample recovery - the V-shape bottom guarantees easier sample recovery

Reduced cycle time and optimal heat transfer

- guaranteed by the extra thin, uniform wall thickness of the tube

Low-binding - the 0.1 mL PCR tube has a low-binding surface that reduces the adhesion of proteins to an absolute minimum

Optical measurement - high transparency of PCR tubes allows the use for applications where the optical qPCR signal comes from the bottom of the tubes

Centrifuge specifications: up to 18000 x g - fixed angle rotor up to 500 x g - swing out rotor

Effortless and secure working - ergonomic flat cap design allows opening and closing with one hand

Sterile handling - each lot is manufactured under strict sterile conditions

Versions - available in two sizes - 0.1 mL and 0.2 mL



V-shaped bottom

Flat cap design

Ordering information

Volume	Height	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
0.1 mL, flat cap	16.6mm	clear		bag	20x1000	3-000-80-0
0.2 mL, flat cap	21.5mm	clear		bag	10x1000	3-010-80-0
		clear	■	bag	10x1000	3-011-80-0

metal
free

autoclavable
121°C
15 min

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

8 x 0.1 mL | 8 x 0.2 mL

Optical measurement - the high transparency of AHN's PCR strips (3-036-01-0) allows use in applications where the optical qPCR signal comes from the bottom of the tubes / ultra clear cap shows consistent light transmitting rate

Compatibility - the 0.1 mL strips are especially recommended for fast thermocyclers requiring low profile tubes and the 0.2 mL strips for the standard thermocyclers requiring regular profile tubes. Compatibility chart available on request

Reduced cycle time and optimal heat transfer - guaranteed by extra thin, uniform wall thickness of tube

Low-binding - 3-036-02-0 has a low binding surface that reduces the adhesion of proteins to the very minimum

Sterile handling - each lot is manufactured under strict sterile conditions

Reproducible result - evaporation rate below 5%

Versions - available as 0.1 and 0.2 mL PCR strip tubes, with separate or attached caps



metal
free

autoclavable
121°C
15 min

Ordering information

Volume		Height	Colour	Pack Type	Sales Unit	Cat. No.
8 x 0.1 mL (qPCR) with separate optical flat caps		16.0mm	clear	bag	5x10x12	3-036-01-0
8 x 0.1 mL (PCR and qPCR) with attached caps		16.6mm	clear	bag	8x120	3-036-02-0
8 x 0.1 mL (qPCR) with separate optical flat caps		16.0mm	white	bag	5x10x12	3-036-03-9
8 x 0.2 mL (PCR) with separate frosted flat caps		21.0mm	clear	bag	5x10x12	3-037-01-0
8 x 0.2 mL (PCR) with attached frosted flat caps		21.0mm	clear	bag	5x10x12	3-037-02-0
8 x 0.2 mL (qPCR) with separate optical flat caps		21.0mm	clear	bag	5x10x12	3-037-03-0
8 x 0.2 mL (qPCR) with separate optical flat caps		21.0mm	white	bag	5x10x12	3-037-04-9



96 x 0.1 mL | 96 x 0.2 mL

Optimal format - fits in various thermocyclers

Optical measurement - high transparency of PCR plate (3-046-00-0) allows the use for applications where the optical qPCR signal comes from the bottom of the plate

Improved sample recovery - the V-shape bottom guarantees easier sample recovery

Low-binding - 3-046-00-0 has a low binding surface, that reduces the adhesion of proteins to the very minimum

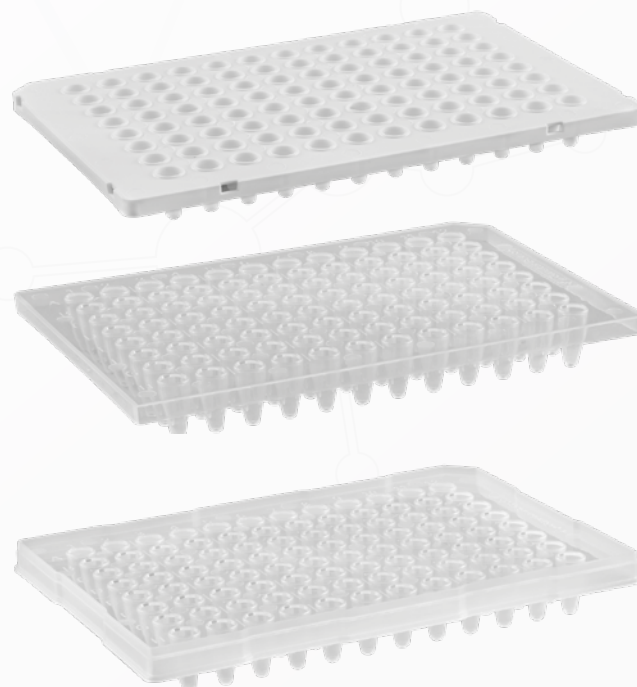
Sterile handling - each lot is manufactured under strict sterile conditions

Sealable - using disposable adhesive for secure closure of PCR plate

Versions - available as low profile (0.1 mL) and as regular profile (0.2 mL) PCR plates. Also available in non-skirted, semi-skirted and sub semi-skirted format

Reproducible result - evaporation rate below 5%

Compatibility chart available on request



metal
free

autoclavable
121°C
15 min

Ordering information

Volume		Height	Colour	Pack Type	Sales Unit	Cat. No.
96 x 0.1 mL (PCR and qPCR) non-skirted		16.6mm	clear	bag	8x25	3-046-00-0
96 x 0.1 mL (qPCR) semi-skirted		16.0mm	frosted	bag	5x5x10	3-046-01-0
96 x 0.1 mL (qPCR) sub semi-skirted		16.0mm	frosted	bag	5x5x10	3-046-02-0
96 x 0.1 mL (qPCR) semi-skirted		16.0mm	white	bag	5x5x10	3-046-03-9
96 x 0.2 mL (PCR) non-skirted		21.0mm	clear	bag	5x5x10	3-047-01-0
96 x 0.2 mL (qPCR) semi-skirted		21.0mm	clear	bag	5x5x10	3-047-02-0
96 x 0.2 mL (qPCR) sub semi-skirted		21.0mm	clear	bag	5x5x10	3-047-03-0

ahn myPlate®

Deep Well Plates

Contaminant-free - manufactured in a class 100K cleanroom facility and certified free of contaminants including anthropogenic/non-anthropogenic DNA, DNases, RNases, and endotoxins.

Fully autoclavable - thermostable up to 121°C, AHN myPlate® deep well plates are autoclave-ready for easy sterilisation and decontamination after use. They are safe for use in high-temperature protocols up to 121°C.

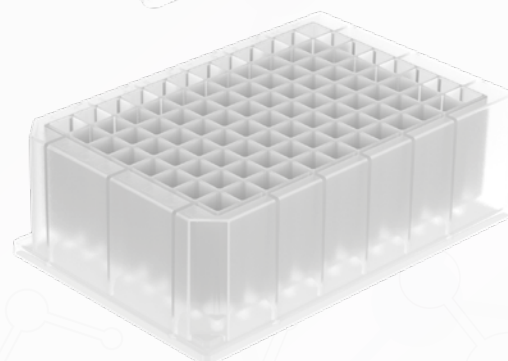
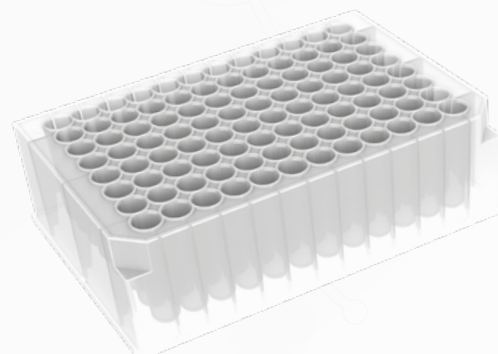
Freezer-ready - with excellent low temperature stability, AHN myPlate® deep well plates can be used for sample and reagent storage in refrigerators and freezers. They are safe for use on low temperatures up to a limit of -80°C.

Alphanumeric sample index - feature an intuitive, ineffaceable sample index that is embossed onto the plate. Sample well index consists of an alphanumeric code that makes it easy to locate each sample well

ANSI compliant - designed to comply with relevant ANSI standards, including ANSI/SLAS standards for microplate dimensions. This ensures universal compatibility with all standardised robotic liquid handling platforms.

Easy stacking - each plate features a base conformation that allows for easy stacking to minimise space uptake on the workbench or freezer or refrigerator storage.

Raised-rim design - designed to minimise cross-contamination across sample wells, all variants of AHN myPlate® deep well plates feature a subtle raised-rim design around the opening of each well.



19

Ordering information

Volume	Colour	Pack Type	Sales Unit	Cat. No.
AHN myPlate® deep well plates 1.0 mL, Round bottom	clear	case	4x24 pcs.	3-126-01-0
AHN myPlate® deep well plates 2.0 mL, Round bottom	clear	case	4x12 pcs.	3-226-01-0
AHN myPlate® deep well plates 2.0 mL, V-bottom	clear	case	4x12 pcs.	3-226-02-0
AHN myPlate® deep well plates 2.2 mL, U-bottom	clear	case	5x10 pcs.	3-226-03-0
AHN myPlate® deep well plates 2.2 mL, Kingfisher	clear	case	5x10 pcs.	3-226-04-0
AHN myPlate® 96 Kingfisher type tip comb	clear	case	2x25 pcs.	3-230-00-0
AHN myPlate® 08 U bottom tip comb	clear	case	2x100 pcs.	3-230-01-0



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



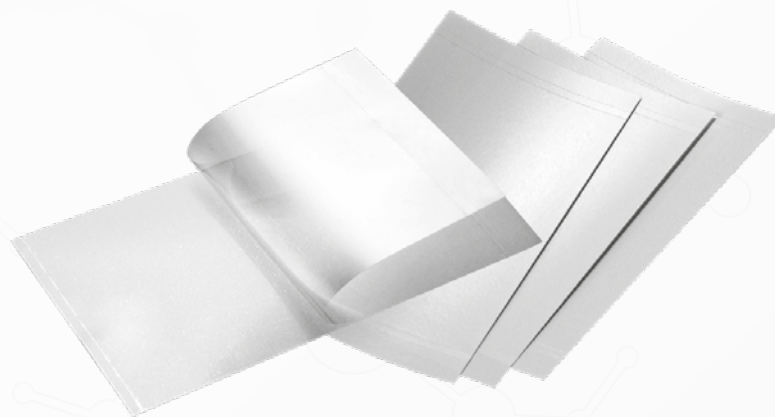
www.ahn-bio.de



Usage - membranes are designed for PCR and qPCR applications and for storage

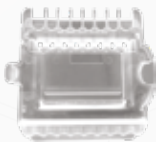
Reproducible result - evaporation rate below 5 %

Ultra clear membranes - the optical sealing membranes 3-048-01-0 and 3-048-02-0 show consistent and high light-transmitting rates for stable data



Ordering information

Volume	Features	Pack Type	Sales Unit	Cat. No.
96-well Plate Sealing Membrane 	- operating temperature -40 ~120°C - PCR use - strong adhesive	bag	10x10	3-048-00-0
96-well Plate Optical Sealing Membrane 	- operating temperature -40 ~120°C - Real-Time PCR(qPCR) use - strong pressure sensitive adhesive	bag	10x10	3-048-01-0
96-well Plate Optical Sealing Membrane 	- operating temperature -40 ~120°C - Real-Time PCR(qPCR) use - strong adhesive	bag	10x10	3-048-02-0
Aluminium Membrane 	- operating temperature -80 ~120°C - PCR or Storage use - strong adhesive - piercable	bag	10x10	3-048-03-0

Accessory	Features	Pack Type	Sales Unit	Cat. No.
Decapping/ Sealing Tool for PCR Strips PCR Membranes 	- PCR strip decapping: 3-037-01-0, 3-037-02-0, 3-037-03-0, 3-037-04-9 - Membrane sealing: 3-048-00-0, 3-048-01-0, 3-048-02-0, 3-048-03-0	bag	15x1	3-000-OP-0

Petri Dishes

Superior quality, contaminant-free petri dishes - manufactured in a cleanroom facility, resulting in sterile dishes that are free of endotoxins, pyrogens and other common contaminants.

Straightforward packaging - supplied in simple packet options. Each pack has 10 or 20 dishes per bag, allowing users to choose the most optimal quantity for their media preparation. This reduces the risk of wasted media and contaminated dishes.

Space-saving - with a standard sized diameter of 90mm, AHN Petri Dishes have the perfect balance between plating area and space-saving dimensions. Additionally, these dishes benefit from being both lightweight and fully stackable.

Excellent airflow - AHN Petri Dishes are supplied in vented and non-vented formats to accommodate different microbial culture needs. Vented plates have a lip that allows for airflow and moisture control whilst non-vented dishes limit airflow and maximise moisture retention.



Ordering information

Description	Diameter	Height	Vented	Sterile	Aseptic	Colour	Pack Type	Sales Unit	Cat. No.
AHN myPlate® Petri Dish	91.5mm	14.35mm			ISO class 6	clear	bag	48x10	3-510-48-0
AHN myPlate® Petri Dish	91.5mm	14.35mm		Yes, Gamma SAL 10 ⁻⁶	ISO class 6	clear	bag	48x10	3-511-48-0
AHN myPlate® Petri Dish	91.5mm	14.55mm	Yes, 3 cams		ISO class 6	clear	bag	48x10	3-512-48-0
AHN myPlate® Petri Dish	91.5mm	14.55mm	Yes, 3 cams	Yes, Gamma SAL 10 ⁻⁶	ISO class 6	clear	bag	48x10	3-513-48-0
AHN myPlate® Petri Dish	91.5mm	14.35mm			ISO class 6	clear	bag	24x20	3-520-48-0
AHN myPlate® Petri Dish	91.5mm	14.35mm		Yes, Gamma SAL 10 ⁻⁶	ISO class 6	clear	bag	24x20	3-521-48-0
AHN myPlate® Petri Dish	91.5mm	14.55mm	Yes, 3 cams		ISO class 6	clear	bag	24x20	3-522-48-0
AHN myPlate® Petri Dish	91.5mm	14.55mm	Yes, 3 cams	Yes, Gamma SAL 10 ⁻⁶	ISO class 6	clear	bag	24x20	3-523-48-0



ahn myTube®

Micro Tubes MCT



0.5 mL | 1.5 mL | 2.0 mL

22

Effortless and secure handling - ergonomic cap design with hinge orientation nibs (1.5 mL / 2.0 mL) and safe click lock, allowing an easy and secure opening and closing of the tube / bottom and cap have no sharp points, gloves will not be damaged / cap of the tube is puncturable

Quick and simple volume check - tubes are equipped with precise graduation marks / 1.5 mL tube with 0.2 mL extra space and 0.5 mL tube with 0.1 mL extra space for freezing / boiling purposes

Easy sample identification - frosted marking area for easy labeling

Optical measurement and unsurpassed clarity

Elimination of contamination and loss of sample - high-quality raw material meets standards of purity and is highly resistant to mechanical strain and has an excellent chemical resistance

Centrifuge specifications: up to 20000 x g - 0.5 mL tube up to 25000 x g - 1.5 mL / 2.0 mL tube

Maintain sample integrity - sterile version available

Sterile handling - micro tubes are autoclavable (opened 121°C / 15 min)



metal
free

autoclavable
121°C
15 min

Ordering information

Volume	Height	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
0.5 mL	31.6mm	clear	■	bag	5x1000	3-116-C5-0
		clear		bag	16x500	3-205-80-0
1.5 mL	40.9mm	clear	■	bag	10x500	3-207-C5-0
		black*		bag	16x500	3-205-80-7
2.0 mL	41.7mm	clear		bag	16x500	3-204-80-0
		clear	■	bag	10x500	3-208-C5-0

*protection of light sensitive samples

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

ahn myTube®

Centrifuge Tubes CT

Elimination of contamination of sample - high-quality raw material meets purity standards

Centrifuge Tube with screw flat cap

Easy sample identification - large writing area on tube

Quick and simple volume check - precise graduation marks

No loss of sample - tube resists high centrifugal force and temperature variations (-80°C to +121°C)

Centrifuge specifications:

up to 17.000 RCF - 15 mL centrifuge tube

up to 20.000 RCF - 50 mL centrifuge tube

up to 7.000 RCF - 50 mL centrifuge tube (self-standing)

Comfortable handling - the 3/4th turn closure enables one-handed operation by opening and tightening

Maintain sample integrity - sterile version available (by gamma irradiation)

Sterile handling - autoclavable centrifuge tubes (opened 121°C / 15 min)

Versions - 50 mL tubes available as non-skirted or self-standing (skirted)

Ordering information

Volume	Height	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
 15 mL	120.0 mm	clear/grey		bag	20x25	3-254-25-8
		clear/grey		rack	20x25	3-255-25-8
		clear/grey	■	bag	20x25	3-256-25-8
		clear/grey	■	rack	20x25	3-257-25-8
 50 mL	115.0 mm	clear/grey		bag	20x25	3-270-25-8
		clear/grey		rack	20x25	3-271-25-8
		clear/grey	■	bag	20x25	3-272-25-8
		clear/grey	■	rack	20x25	3-273-25-8
 50 mL self-standing	115.0 mm	clear/grey		bag	20x25	3-280-25-8
		clear/grey	■	bag	20x25	3-281-25-8



15 mL | 50 mL



23

metal
free

autoclavable
121°C
15 min



Non-skirted



Self-standing (skirted)



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



ahn[®] reagent Reservoirs

10 mL | 25 mL | 50 mL

Construction - made out of a unique blend of Polystyrene

Extra large, sturdy base with broad edges - enable it to stand firmly on your workbench

Graduation marks - for easy, accurate dispensing / helps identify any remaining liquid

Angled interior supports the collection of the liquid and decreases reagent waste

Spillproof - no need to worry about spillage while you are processing liquids

Easy pouring - to store any remaining liquid you can empty the reservoir using the corners

Compact storage - easy to stack the reservoirs and separate them using the reservoir lip



Ideal for using with all AHN Single and Multi channel Pipettes

- to suit the various pipettes our reservoirs come in three different sizes:

- ① 10 mL, V-shaped bottom (ideal with 8- and 16-channel pipettes)
- ② 25 mL, flat bottom (ideal with multi channel pipettes)
- ③ 50 mL, V-shaped bottom (ideal with 12-channel pipettes)



Ordering information

Description		Pack Type	Sales Unit	Cat. No.
AHN Reagent Reservoirs 10 mL		bag	5x100	3-701-11-9
AHN Reagent Reservoirs 25 mL		bag	5x100	3-702-11-9
AHN Reagent Reservoirs 50 mL		bag	5x100	3-703-11-9

ahn myTube®

Spin Column System SC

Spin column system - consisting of 0.8 mL filter tube (round bottom design) equipped with corresponding filter (see filter options below) and 2.0 mL receiver tube

Elimination of contamination and loss of sample - high-quality raw material meets purity standards, highly resistant to extreme mechanical strain and has an excellent chemical resistance

Centrifuge specifications: up to 25000 x g
- fixed angle rotor up to 30000 x g - swing out rotor



25



ahn myPlate®

Microfilterplate System FP

Microfilterplate - 8x12 matrix, 96 individual drip directors, 1.0 mL capacity, in accordance with SBS-Standard. Equipped with corresponding filter (see filter options below) / receiver plate and vacuum manifold are available separately

Elimination of risk of sample contamination - manufactured from absolutely clear high-quality virgin polystyrene

Filter Options	SC	FP
Glass fibre (GF) filter characteristics - recommended for the purification of DNA and RNA / prefiltering of dirty solutions / rapid flow rate and high particle loading capacity	■	■
Polyethylene (PE) filter characteristics - suitable for particle-removing coarse filtration / can be used both as a prefilter or as support filter in combination with other filters / hydrophobic / very good chemical resistance	■	■



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Ordering information



Description - spin column system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myTube® SC 0.8 mL filter tube, GF-F2 filter, 2.0 mL receiver tube	①	clear	bag	2x100	3-320-20-0
AHN myTube® SC 0.8 mL filter tube, GF-N2 filter, 2.0 mL receiver tube	①	clear	bag	2x100	3-321-20-0
AHN myTube® SC 0.8 mL filter tube, PE 20-60 µm filter, 2.0 mL receiver tube	①	clear	bag	2x100	3-340-10-0
Description - individual components spin column system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myTube® SC 0.8 mL filter tube w/o filter, w/filter ring	②	clear	bag	2x1000	3-331-50-0
AHN myTube® RT 2.0 mL receiver tube	③	clear	bag	10x1000	3-202-80-0
Description - microplate system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myPlate® FP 96-wells, 1.0 mL, GF-FF filter	④	clear	bag	5x5	3-210-25-0
AHN myPlate® FP 96-wells, 1.0 mL, GF/N 1.6 µm filter	④	clear	bag	5x5	3-210-25-2
AHN myPlate® FP 96-wells, 1.0 mL, PE 20-60 µm filter	④	clear	bag	5x5	3-225-25-0

Note: Further filter options are available on request. These include Nylon (recommended for filtering protein-free culture media), Cellulose Acetate (recommended for applications requiring low protein binding), Regenerated Cellulose (suitable for particle removal from solvents) and Polyvinylidene Fluoride (used in general filtration and sample preparation applications).

Contact info@cappahn.com for ordering information.

ahn pipet4u[®]pro

Manual Pipettes

Comfortable and effortless pipetting - new user-friendly handle design with soft grip for comfortable operation to prevent hand stress / lightweight / low plunger force minimises RSI (repetitive strain injury)

Easy identification - use the easily attachable colour-coded drops to identify your pipette according to your requirements

Durability - new tip cone demonstrates high mechanical strength and high resistance against chemicals

Calibration stability - even after multiple autoclaving no recalibration is required

Accurate and reliable pipetting - reverse pipetting option for accurate and precise aspirating and dispensing of viscous liquids / innovative soft grip prevents transfer of heat to internal components, ensuring accurate pipette operation / lock counter mechanism of variable volume pipettes prevents volume changes while pipetting / blow out system allows last drop dispensing

Sterile handling - fully autoclavable pipette (by steam at 121°C / 15 min)

Easy and quick maintenance and adjustment - with the included disassembly and calibration tool

Meets following standards: DIN EN ISO 8655-1
| DIN EN ISO 8655-2 | DIN EN ISO 8655-6

Compatibility list available on request



27

**UV
RESISTANT**

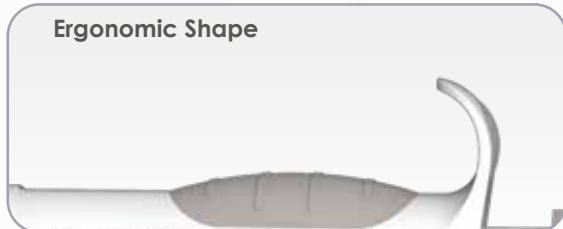
**2
YEARS
WARRANTY**

**autoclavable
121°C
15 min**

Colour Coding



Ergonomic Shape



Delivery Package

1 pc. Manual pipette	1 bag Sample Tips
1 pc. Calibration / Disassembling Tool	1 bag O-rings
1 pc. Drop Tool	1 pc. Instruction Manual
1 bag Colour Coding Drop	1 pc. Warranty Card
1 pc. Silicon Grease	1 pc. Calibration Report



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Ordering information

Manual single channel pipettes, fixed volume

Volume	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
5 µL	5 µL	-	1.30%	1.20%	8-001-20-9
10 µL	10 µL	-	0.80%	0.80%	8-002-20-9
20 µL	20 µL	-	0.60%	0.50%	8-003-20-9
25 µL	25 µL	-	0.50%	0.30%	8-004-20-9
50 µL	50 µL	-	0.50%	0.30%	8-007-20-9
100 µL	100 µL	-	0.50%	0.30%	8-008-20-9
200 µL	200 µL	-	0.40%	0.20%	8-009-20-9
250 µL	250 µL	-	0.40%	0.20%	8-010-20-9
500 µL	500 µL	-	0.30%	0.20%	8-011-20-9
1000 µL	1000 µL	-	0.30%	0.20%	8-012-20-9
2 mL	2 mL	-	0.30%	0.15%	8-013-20-9
2.5 mL	2.5 mL	-	0.30%	0.15%	8-014-20-9
5 mL	5 mL	-	0.30%	0.15%	8-015-20-9
10 mL ³	10 mL	-	0.60%	0.20%	8-016-20-9

Manual single channel pipettes, variable volume

Volume	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.1-2.5 µL	0.25 µL	0.01 µL	12.00 %	6.00 %	8-100-20-9
	1.25 µL		3.00 %	3.00 %	
	2.5 µL		2.50 %	1.60 %	
0.5-10 µL	1 µL	0.10 µL	2.50%	1.50%	8-101-20-9
	5 µL		2.00%	1.00%	
	10 µL		1.00%	0.80%	
2-20µL	2 µL	0.10 µL	3.00%	2.00%	8-102-20-9
	10 µL		1.50%	1.00%	
	20 µL		0.90%	0.40%	
5-50 µL	5 µL	0.50 µL	2.00%	2.00%	8-103-20-9
	25 µL		0.80%	0.40%	
	50 µL		0.60%	0.30%	
10-100 µL	10 µL	0.50 µL	3.00%	1.50%	8-104-20-9
	50 µL		1.00%	0.50%	
	100 µL		0.80%	0.15%	
20-200 µL	20 µL	1.00 µL	2.00%	0.80%	8-105-20-9
	100 µL		0.70%	0.30%	
	200 µL		0.60%	0.15%	
50-200 µL	50 µL	1.00 µL	1.00%	0.40%	8-105-21-9
	100 µL		0.80%	0.20%	
	200 µL		0.60%	0.15%	
100-1000 µL	100 µL	5.00 µL	2.00%	0.70%	8-106-20-9
	500 µL		1.00%	0.40%	
	1000 µL		0.60%	0.20%	
200-1000 µL	200 µL	5.00 µL	0.90%	0.30%	8-106-21-9
	500 µL		0.75%	0.25%	
	1000 µL		0.60%	0.20%	
0.5-5 mL	0.5 mL	0.05 mL	2.00%	0.60%	8-107-20-9
	2.5 mL		0.60%	0.30%	
	5 mL		0.50%	0.15%	
2-10 mL ³	2 mL	0.10 mL	3.00%	0.60%	8-108-20-9
	5 mL		1.20%	0.30%	
	10 mL		0.60%	0.20%	

¹ Systematic error

² Random error

³ Tip ejector function not available

AHN pipet4u pro Pipette Starter Kits

Description	Content	Cat. No.
Pipette Starter Kit	4 pipettes (0.5-10 µL/10-100 µL/100-1000 µL/2-10 mL), a 6-place Pipette Stand, 3 racks of Pipette Tips and 1 bag of Pipette Tips	8-SK1-99-9
Pipette Starter Kit	4 pipettes (0.1-2.5 µL/2-20 µL/20-200 µL/ 100-1000 µL), a 6-place Pipette Stand, 4 racks of Pipette Tips	8-SK2-99-9

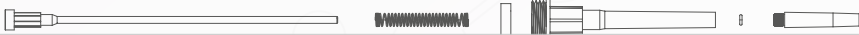
Ordering information

Manual multi channel pipettes, variable volume

Volume	Channels	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.5-10 µL	8	0.5 µL	0.10 µL	4.00%	4.00%	8-201-20-9
		5 µL		2.50%	2.50%	
		10 µL		1.50%	1.50%	
5-50 µL	8	5 µL	0.50 µL	3.00%	2.00%	8-202-20-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
10-100 µL	8	10 µL	1.00 µL	1.50%	0.75%	8-204-20-9
		50 µL		1.00%	0.50%	
		100 µL		1.00%	0.25%	
30-300 µL	8	30 µL	1.00 µL	1.50%	0.75%	8-203-20-9
		150 µL		1.00%	0.50%	
		300 µL		0.80%	0.25%	
0.5-10 µL	12	1 µL	0.10 µL	4.00%	4.00%	8-401-20-9
		5 µL		2.50%	2.50%	
		10 µL		1.50%	1.50%	
5-50 µL	12	5 µL	0.50 µL	3.00%	2.00%	8-402-20-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
10-100 µL	12	10 µL	1.00 µL	1.50%	0.75%	8-404-20-9
		50 µL		1.00%	0.50%	
		100 µL		1.00%	0.25%	
30-300 µL	12	30 µL	1.00 µL	1.50%	0.75%	8-403-20-9
		150 µL		1.00%	0.50%	
		300 µL		0.80%	0.25%	

¹ Systematic error ² Random error

Spare parts for pipet4u pro manual single channel pipettes

Set	Volume	Cat. No.
	0.1-2.5 µL	8-190-00-9
	0.5-10 µL	8-190-01-9
	2-20 µL	8-190-02-9
	5 µL	8-190-03-9
	10 µL	
	20 µL	
	25 µL	
	50 µL	
	5-50 µL	
	100 µL	8-190-04-9
	10-100 µL	
	200 µL	8-190-05-9
	20-200 µL	
	50-200 µL	
	250 µL	8-190-06-9
	500 µL	
	1000 µL	
	100-1000 µL	
	200-1000 µL	
	2 mL	8-190-07-9
	2.5 mL	
	5 mL	
	0.5-5 mL	
	10 mL	
	2-10 mL	8-190-08-9



ahn myPette® pro

Manual Pipettes

30

Accurate and Precise - calibrated to ISO 8655-6 standard to ensure high level precision during pipette operation

Ergonomic Design - featuring optimal weight distribution for comfortability in handling and easy tip ejection thanks to a unique silicone-based shock absorption mechanism both of which reduce the risk of repeated strain injury

Large 4-Digit Display - easy to view and access during operation and not covered by palm.

Durable Construction - made to last with corrosion and impact resistant materials. All pipettes are fully autoclavable and UV resistant and do not need recalibration after sterilization. Tip cones are made of highly durable PVDF.

Magnet Assisted Piston - reduces the need for a heavy piston spring and thus less plunger force is required for operation.

Innovative Spring and Seal Design - further reduces necessary plunger force required for pipette operation.

Volume Lock Switch - convenient volume lock switch and knob which can be operated with one hand.

Colour-coded Knobs - easy to identify and sort individual pipettes

Universal Tip Compatibility - myPette® Pro pipettes work with a wide range of tips

Variety of Sizes and Configurations - both single channel and multi channel options are available in a range of volume sizes.

Ordering information

Manual single channel pipettes, fixed volume

Volume	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
2.5 µL	2,5 µL	-	2.00%	1.60%	8-000-30-9
5 µL	5 µL	-	1.30%	1.20%	8-001-30-9
10 µL	10 µL	-	1.20%	0.60%	8-002-30-9
20 µL	20 µL	-	1.00%	0.30%	8-003-30-9
25 µL	25 µL	-	1.00%	0.30%	8-004-30-9
50 µL	50 µL	-	0.70%	0.30%	8-007-30-9
100 µL	100 µL	-	0.60%	0.20%	8-008-30-9
200 µL	200 µL	-	0.60%	0.20%	8-009-30-9
250 µL	250 µL	-	0.60%	0.30%	8-010-30-9
500 µL	500 µL	-	0.60%	0.20%	8-011-30-9
1000 µL	1000 µL	-	0.60%	0.20%	8-012-30-9
2 mL	2 mL	-	0.30%	0.15%	8-013-30-9
5 mL	5 mL	-	0.30%	0.15%	8-015-30-9
10 mL	10 mL	-	0.60%	0.20%	8-016-30-9

¹ Systematic error ² Random error



Delivery Package

1 pc. Manual pipette
1 pc. Calibration Tool
1 pc. Conformity & Calibration Certificate
1 pc. Instruction Manual
1 pc. Shelf-mounting stand
1 pc. Warranty Card

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

Manual single channel pipettes, variable volume

Volume	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.1-2.5 µL	0.25 µL	0.002 µL	12.00 %	6.00 %	8-100-30-9
	1.25 µL		2.50 %	1.50 %	
	2.5 µL		2.50 %	1.50 %	
0.5-10 µL	1 µL	0.02 µL	2.50%	1.50%	8-101-30-9
	5 µL		1.50%	0.80%	
	10 µL		1.00%	0.40%	
2-20µL	2 µL	0.02 µL	3.00%	1.50%	8-102-30-9
	10 µL		1.20%	0.60%	
	20 µL		0.90%	0.30%	
5-50 µL	5 µL	0.10 µL	2.00%	2.00%	8-103-30-9
	25 µL		0.80%	0.40%	
	50 µL		0.60%	0.30%	
10-100 µL	10 µL	0.10 µL	3.00%	1.00%	8-104-30-9
	50 µL		1.00%	0.30%	
	100 µL		0.80%	0.20%	
20-200 µL	20 µL	0.20 µL	2.50%	0.70%	8-105-30-9
	100 µL		0.70%	0.30%	
	200 µL		0.60%	0.20%	
100-1000 µL	100 µL	1.00 µL	3.00%	0.60%	8-106-30-9
	500 µL		1.00%	0.20%	
	1000 µL		0.60%	0.20%	
0.5-5 mL	0.5 mL	10 µL	2.40%	0.60%	8-107-30-9
	2.5 mL		1.20%	0.25%	
	5 mL		0.60%	0.20%	
1-10 mL	1 mL	20 µL	3.00%	0.60%	8-108-30-9
	5 mL		0.80%	0.20%	
	10 mL		0.60%	0.15%	

¹ Systematic error

² Random error

31

Manual multi channel pipettes, variable volume

Volume	Channels	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.5-10 µL	8	1 µL	0.02 µL	8.00%	5.00%	8-201-30-9
		5 µL		4.00%	2.00%	
		10 µL		2.00%	1.00%	
2-20µL	8	2 µL	0.02 µL	7.00%	3.00%	8-205-30-9
		10 µL		3.00%	2.00%	
		20 µL		2.00%	2.60%	
5-50 µL	8	5 µL	0.10 µL	3.00%	2.00%	8-202-30-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
10-100 µL	8	10 µL	0.10 µL	3.00%	2.00%	8-204-30-9
		50 µL		1.00%	0.80%	
		100 µL		0.80%	0.30%	
20-200 µL	8	20 µL	0.20 µL	5.00%	1.40%	8-206-30-9
		100 µL		1.00%	0.40%	
		200 µL		0.70%	0.25%	
30-300 µL	8	30 µL	0.20 µL	3.00%	1.00%	8-203-30-9
		150 µL		1.00%	0.50%	
		300 µL		0.60%	0.30%	
0.5-10 µL	12	1 µL	0.02 µL	8.00%	5.00%	8-401-30-9
		5 µL		4.00%	2.00%	
		10 µL		2.00%	1.00%	
2-20 µL	12	2 µL	0.02 µL	7.00%	3.00%	8-405-30-9
		10 µL		3.00%	2.00%	
		20 µL		2.00%	2.60%	
5-50 µL	12	5 µL	0.10 µL	3.00%	2.00%	8-402-30-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
10-100 µL	12	10 µL	0.10 µL	3.00%	2.00%	8-404-30-9
		50 µL		1.00%	0.80%	
		100 µL		0.80%	0.30%	
20-200 µL	12	20 µL	0.20 µL	5.00%	1.40%	8-406-30-9
		100 µL		1.00%	0.40%	
		200 µL		0.70%	0.25%	
30-300 µL	12	30 µL	0.20 µL	3.00%	1.00%	8-403-30-9
		150 µL		1.00%	0.50%	
		300 µL		0.60%	0.30%	



ahn[®] pipetteStands

For single and multi channel pipettes

Safe and effortless handling - comfortable and reliable pipette storage / pipette stands which can be easily assembled and disassembled for cleaning purposes

Versions - available as 1 place / 4 places and 6 places pipette stands for single channel and multi channel pipettes, and as fixed place and variable place pipette stands



Ordering information

Description - Acrylic/Aluminium pipette stands		Colour	Sales Unit	Cat. No.
1 place pipette stand for manual single and multi channel pipettes variable place	①	clear/magenta	Carton/1 pc.	8-132-01-8
6 places pipette stand for manual single channel pipettes variable place	②	clear/magenta	Carton/1 pc.	8-132-00-8
Description - Acrylic pipette stands		Colour	Sales Unit	Cat. No.
1 place pipette stand for manual multi channel pipettes fixed place	③	black	Carton/1 pc.	8-130-02-7
1 place pipette stand for manual multi channel pipettes fixed place	④	white	Carton/1 pc.	8-130-02-9
4 places pipette stand for manual single channel pipettes fixed place	⑤	white	Carton/1 pc.	8-130-00-9
6 places pipette stand for manual single channel pipettes fixed place	⑥	white	Carton/1 pc.	8-131-00-9
AHN myPette [®] Pro pipette holder for shelf mounting	⑦	white	Carton/1 pc	8-133-01-9
6 places carousel stand for AHN myPette [®] Pro pipettes	⑧	white	Carton/1 pc	8-133-00-9

ahn pipet4u[®]

Revolution Electronic Pipettes

Comfortable and effortless pipetting - ultra-bright OLED display for clear visibility / ergonomic design for fatigue-free operation / comfortable pipetting dial for easy volume control and low strain pipetting (minimises RSI - repetitive strain injury)

Easy handling with one dial - control of all operating programs with the patented one dial system

6 different operating programs - pipetting / dispensing / reverse pipetting / mixing / autocalibration / speed control

Accurate and reliable pipetting - SCS-System (speed control system) controls piston movement giving highest precision and accuracy

Easy self-calibration - ESM-System (easy self-calibration management system) allows user calibration of the pipette, the user can calibrate their pipette for solutions of different viscosity, the system also controls permanently all functions and indicates errors

Sterile handling - autoclavable pipette cone (120°C / 15 min)

Meets following standards: DIN EN ISO 8655-1 | DIN EN ISO 8655-2 | DIN EN ISO 8655-6

Compatibility list available on request

Ordering information

Electronic single channel pipettes

Volume	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.2-10 µL	0.5 µL	0.01 µL	5.00%	3.00%	8-500-00-0
	5 µL		2.50%	1.50%	
	10 µL		0.90%	0.50%	
5-100 µL	5 µL	0.10 µL	2.50%	1.50%	8-501-00-0
	50 µL		0.90%	0.30%	
	100 µL		0.40%	0.50%	
10-200 µL	10 µL	0.10 µL	0.90%	0.50%	8-502-00-0
	100 µL		0.40%	0.50%	
	200 µL		0.30%	0.10%	
50-1000 µL	100 µL	1.00 µL	0.40%	0.50%	8-503-00-0
	500 µL		0.40%	0.20%	
	1000 µL		0.30%	0.10%	
100-5000 µL	500 µL	5.00 µL	0.40%	0.50%	8-505-00-0
	2500 µL		0.10%	0.10%	
	5000 µL		0.10%	0.10%	

¹ Systematic error ² Random error

Delivery Package

1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag with tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction Manual
1 bag Screwdriver	1 pc. Calibration Report



UV
RESISTANT

2
YEARS
WARRANTY

autoclavable
120°C
15 min



34



Ordering information

Electronic multi channel pipettes

Volume	Channels	Test volume	Increments	Inaccuracy ¹	Imprecision ²	Cat. No.
0.2-10 µL	8	0.5 µL	0.01 µL	5.00%	3.00%	8-520-00-0
		5 µL		2.50%	1.50%	
		10 µL		0.90%	0.50%	
2.5-50 µL	8	5 µL	0.10 µL	2.50%	1.50%	8-521-00-0
		25 µL		0.90%	0.30%	
		50 µL		0.40%	0.50%	
10-100 µL	8	10 µL	0.10 µL	3.00 %	2.00 %	8-523-00-0
		50 µL		1.00 %	0.80 %	
		100 µL		0.80 %	0.30 %	
15-300 µL	8	20 µL	0.50 µL	0.90%	0.50%	8-522-00-0
		150 µL		0.40%	0.30%	
		300 µL		0.30%	0.10%	
0.2-10 µL	12	0.5 µL	0.01 µL	5.00%	3.00%	8-530-00-0
		5 µL		2.50%	1.50%	
		10 µL		0.90%	0.50%	
2.5-50 µL	12	5 µL	0.10 µL	2.50%	1.50%	8-531-00-0
		25 µL		0.90%	0.30%	
		50 µL		0.40%	0.50%	
5-100 µL	12	10 µL	0.10 µL	3.00 %	2.00 %	8-533-00-0
		50 µL		1.00 %	0.80 %	
		100 µL		0.80 %	0.30 %	
15-300 µL	12	20 µL	0.50 µL	0.90%	0.50%	8-532-00-0
		150 µL		0.40%	0.30%	
		300 µL		0.30%	0.10%	

¹ Systematic error ² Random error

Delivery Package

1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag with tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction Manual
1 bag Screwdriver	1 pc. Calibration Report

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

ahn pipet4u®

Oasis Pipette Controller

Comfortable and effortless pipetting - lightweight pipette design / smooth push buttons for precise pipetting control / ergonomic design for easy operation / cordless working (holds charge up to 8 hours) / quiet high-powered motor

Contamination control - replaceable membrane filter to minimise risk of contamination

Speed setting - adjustment of pipetting speed on sample viscosity with three selectable speeds

Sterile handling - autoclavable pipette cone (120°C / 15 min)

UV
RESISTANT

2
YEARS
WARRANTY

autoclavable
120°C
15 min



35

Ordering information

Description	Sales Unit	Cat. No.
pipet4u® Oasis Pipette Controller 0.1-100 mL	Carton/1 pc.	8-300-00-9

Description - Spare Parts	Sales Unit	Cat. No.
0.20 µm PTFE membrane filter	Bag/5 pcs.	8-300-03-0
0.45 µm PTFE membrane filter	Bag/5 pcs.	8-300-04-0
Silicone adapter	Bag/1 pc.	8-300-01-0
Pipette cone	Bag/1 pc.	8-300-02-8

Delivery Package
1 pc. Pipette Controller
2 pcs. PTFE Membrane filters (0.2 µm / 0.45 µm)
1 pc. Charger (EU)
2 pcs. NiMH batteries
1 pc. Wall mount bracket
1 pc. Desktop stand
1 pc. Instruction manual
1 pc. Warranty card



Autoclavable tip cone



Ergonomic push buttons



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



ahn myDPette®

Bottle Top Dispenser

Unique piston mechanism - piston and cylinder can be cleaned without affecting the calibration

Dual graduation marks - volume can be read from both sides

Springless valve design - leads to smooth functioning and high chemical resistance

Eco-friendly - while discharging the tubes in the re-circulation mode, in fast priming, the reagent is redirected back into the bottle, eliminating any waste of precious reagents and ensuring safety and savings

Easy handling - discharge tube with 360° rotation, makes the bottle label visible all the time / telescopic filling tube compatible with different sizes of reagent bottles / ergonomic grip

Easy to calibrate - complies with ISO 8655-5 standard



Ordering information

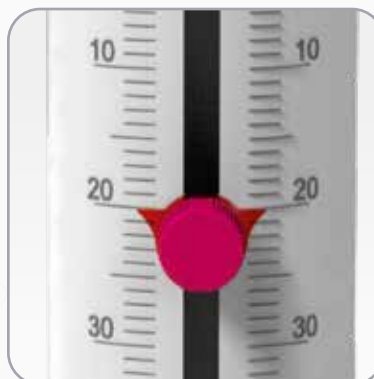
Description	Sales Unit	Cat. No.
AHN myDPette Bottle Top Dispenser 0.25-2.5 mL	Carton/1 pc.	8-700-00-0
AHN myDPette Bottle Top Dispenser 0.5-5.0 mL	Carton/1 pc.	8-701-00-0
AHN myDPette Bottle Top Dispenser 1.0-10.0 mL	Carton/1 pc.	8-702-00-0
AHN myDPette Bottle Top Dispenser 2.5-25.0 mL	Carton/1 pc.	8-703-00-0
AHN myDPette Bottle Top Dispenser 5.0-50.0 mL	Carton/1 pc.	8-704-00-0

2
YEARS
WARRANTY

autoclavable
120°C
20 min

Delivery Package

1 pc. Bottle top dispenser
4 pcs. Adapters (28, 38, 40 and 45mm screw cap)
1 pc. Telescopic filling tube
1 pc. Re-circulation tube
1 pc. Calibration tool
1 pc. User manual
1 pc. Certificate of conformity
1 pc. Calibration report
1 pc. Warranty card



Double scale



Recirculation valve

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

Microcentrifuge MC-01

Usage - separation of particles from suspension or macromolecules from solutions

Capacity - 8-place closed rotor for 1.5 mL / 2.0 mL micro tubes

Maximum Speed - 6000 rpm / 2000 x g

Multiple tube options - adaptors for 0.2 mL / 0.5 mL tubes available

Unique closed rotor design - ensures better airflow through low-friction, stability for temperature sensitive samples through low heat generation and ultra-silent, vibration free operation

Secure operation - electronic brake for immediate stop on lid opening for increased user safety

Durability - robust construction / solid hinge and switch design

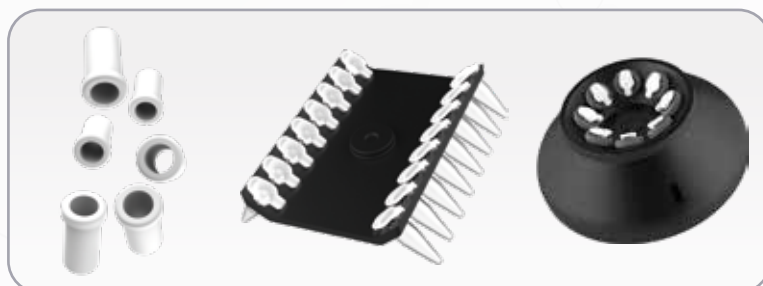
Quick and comfortable operation - possibility of quick runs by simply closing and opening the lid / digital display

Small footprint saves valuable bench space - suitable for use in hoods and cold rooms

Speed accuracy +/- 100 rpm



6000 rpm



Ordering information

Description	Cat. No.
AHN myLab® MC-01 Microcentrifuge 6000 rpm	7-000-01-0

Specifications	
Noise level	< 55 db
Quick spin feature	yes, lid activated on/off
Power consumption	10 W
Dimensions (W x D x H)	162 x 157 x 155mm

Delivery Package
1 pc. Microcentrifuge 6000 rpm
1 pc. 1.5 / 2.0 mL closed rotor
1 pc. PCR strip rotor
1 pc. T-Allen wrench
8 pcs. Individual adaptor for 0.2 mL tubes
8 pcs. Individual adaptor for 0.5 mL tubes
1 pc. External power adaptor
1 pc. Instruction manual
1 pc. Warranty card
1 pc. Declaration of conformity



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



High Speed Microcentrifuge MC-02

Usage - designed for blood centrifugation and other clinical applications

Capacity - twelve-place closed rotor suitable for 1.5 mL / 2.0 mL micro tubes

Maximum Speed - up to 15000 rpm / 15596 x g

Multiple tube options - adaptors available for 0.2 mL / 0.5 mL tubes

Unique closed rotor design - ensures better airflow through low-friction and stability for temperature sensitive samples through low heat generation

Increased user safety and comfort - automatic safety brake system prevents lid from opening upon operation / imbalance detection / rotor with screw on lid to prevent contamination

Small footprint - optimising bench top space

Multiple applications - suitable for use in hoods or cold rooms

Robust design - brushless DC motor enables maintenance-free and long-lasting operation, perfect for extended runs

Comfortable use - user-friendly interface / extremely low noise level / large digital display



6000 rpm



PCR strip rotor

Ordering information

Description	Cat. No.
AHN myLab® MC-02 Microcentrifuge 15000 rpm	7-002-01-0

Optional attachments	Cat. No.
PCR strip rotor	CR-15-PCR

Delivery Package
1 pc. Microcentrifuge 15000 rpm
1 pc. Power supply adaptor
1 pc. 12 slot rotor (pre-installed)
1 pc. T-Allen key
12 pc. Reduction adaptors for 0.2 / 0.5 mL tube
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Maximum Volume	12x2 mL (micro tubes)
Speed Setting	500 to 15000 rpm
Maximum RCF	15596 x g
Speed Accuracy	± 100 rpm
Run Time	1 to 99 minutes & infinite mode
Acceleration time	60 ± 2 seconds
Deceleration time	50 ± 2 seconds
Size (LxWxH)	190 x 120 x 270mm
Weight	2.450 kg approx (with rotor)
Power Consumption	55 W

Microplate Centrifuge MC-04

Brushless DC Motor - high-performance brushless DC motor provides greater longevity with its low-friction operation. The motor is tuned to achieve low-noise centrifugation with peak spin speeds of up to 2500 rpm and a maximum relative centrifugal force of 462g.

Compact microplate centrifuge - a small footprint of only 330 x 265mm minimises space uptake on laboratory workbenches while maximising the functionality of lab spaces. A measured height of 161mm provides greater clearance from overhead storage compartments for better space efficiency.

Intuitive control panel - front-facing digital control panel with a clean, intuitive button layout makes it easy for users to adjust operating parameters. Responsive, soft-touch buttons minimise the risk of finger fatigue, and a bright digital display makes it easy for users to see and adjust all operating variables.

Modern microprocessor - an advanced microprocessor provides superior accuracy and enhanced precision with each centrifugation cycle. The microprocessor also helps the centrifuge to remain in calibration for longer and integrates tightly with the control panel to provide users with reliable operating data through the digital display.

High capacity sample processing - with a base capacity of two microplates, users can spin up to 192 samples (96-well plates) or 768 samples (384-well plates) in one go. The larger sample capacity increases throughput and increases productivity for busy labs.

Enhanced safety - a lid lock mechanism prevents access to the rotor while it is spinning, protecting users from harm. Automatic imbalance detection prevents the centrifuge from running when an imbalanced load is detected, protecting the machine from damage.



2500 rpm

39

Ordering information

Description	Cat. No.
AHN myLab® MC-04 Microplate Centrifuge	7-004-01-0

Delivery Package
1 pc. AHN myLab® MC-04 Microplate Centrifuge
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Dimensions (W x D x H)	330 x 265 x 161mm
Weight	4 kg (w/o rotor)
Motor type	Brushless DC motor
Speed setting	462 x G (max RCF) / 2500 rpm
Speed accuracy	±100 rpm
Humidity	80%
Acceleration time	30 + 5 seconds
Deceleration time	20 + 5 seconds
Electrical specifications	24V, 1.5A
Power consumption	24W
Maximum capacity	2 microplates (96 & 384 well)



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de





inspiring
the next
generation of
life science
technicians

ahn



Uthleber Weg 14 | 99734 Nordhausen | Germany

ahn myLab®

Clinical Centrifuge CLC-02

High-tech microprocessor - Advanced microprocessor technology ensures dependable accuracy and precision with each spin cycle

Intuitive user controls - User-facing control panel provides quick access to all device features for quick and easy programming of the clinical centrifuge

Maintenance-free DC motor - Brushless DC motor with variable speeds provides reliable performance with minimum maintenance or downtime

Combi rotor - Convenient 8-slot rotor design fits 8 x 15 mL or 4 x 50 mL tubes at maximum capacity

Excellent safety features - Low noise, imbalance detection, and lid-lock safety mechanisms help to maintain an accident-free laboratory environment

Compact and portable - Space-saving centrifuge design takes up a small amount of the workbench while a lightweight chassis makes it easy to move from one point to another



4500 rpm

41

Ordering information

Specifications	
Display	Large, easy-to-read digital display
Motor type	Brushless DC motor
Rotor	Combi rotor
Rotor capacity	8 x 15 mL / 4 x 50 mL tubes
Relative Centrifugal Force	1985 x g (max.)
Speed settings	500 – 4500 rpm (max.)
Timer setting	1 – 99 mins and infinity
Noise level	< 60 dB
Device weight	4 kg (approx.)
Dimensions (W x D x H)	330 x 265 x 161mm
Lid-lock	Yes
Imbalance detection	Yes

Description	Cat. No.
AHN myLab® CLC-02 Clinical Centrifuge 4500 rpm	7-011-00-0

Delivery Package	
1 pc. Clinical centrifuge 4500 rpm	
1 pc. Power supply adaptor	
1 pc. T-Allen Key	
1 pc. 8-slots rotor (pre-installed)	
4 pcs. 15 mL Reduction Adaptors	
4 pcs. 15 mL Caps	
8 pcs. Reduction Adaptors & Rubber Caps	
1 pc. Instruction manual	
1 pc. Warranty card	



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Hematocrit Centrifuge HC-01

42

Microprocessor control - High-tech microprocessor ensures absolute precision and accuracy of operation for dependable centrifugation of blood samples

Intuitive control panel - Well designed control panel with large digital display and clearly labelled soft-touch buttons allow full control of all core functions of the hematocrit centrifuge

Brushless DC motor - Long-lasting, maintenance-free brushless DC motor with variable spin speeds and generating powerful centrifugal force

Large capacity rotor - 24-place centrifuge rotor accommodates 45mm and 75mm capillary tubes for high-volume sample processing

Imbalance detection - Automatic load imbalance detection warns operator and prevents the spin cycle from starting with an unbalanced load

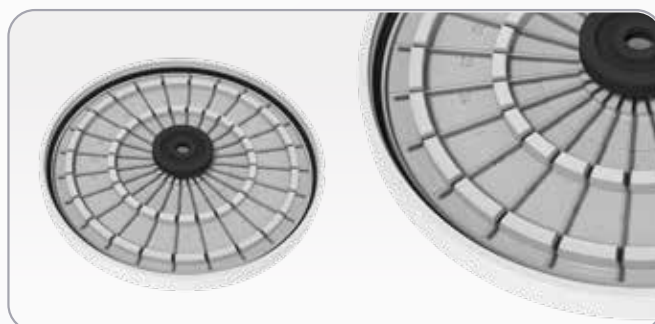
Lid-lock - Safety focused lid-lock feature protects users from injury by locking access to the rotor while it is still spinning

Space saver - Compact sized hematocrit centrifuge that occupies little workbench space without sacrificing performance.

Lightweight - Lightweight and robust construction materials allow for portability of the hematocrit centrifuge without posing ergonomic hazards



12000 rpm



24 slot capillary rotor

Ordering information

Description	Cat. No.
AHN myLab® HC-01 Hematocrit Centrifuge 12000 rpm	7-020-00-0

Specifications	
Motor type	Brushless DC motor
Rotor capacity	24 capillary tubes (45mm / 75mm)
Relative Centrifugal Force	14118 x g (max.)
Speed settings	500 – 12000 rpm (max.)
Speed adjustment	±100 rpm
Timer setting	Up to 12 minutes
Device weight	4.3 kg (with rotor)
Dimensions (L x W x H)	330 x 265 x 161mm

Delivery Package
1 pc. Hematocrit Centrifuge 12000 rpm
1 pc. Power supply adaptor
1 pc. 24-slot capillary rotor (pre-installed)
1 pc. Blood reader
1 pc. T-Allen wrench
1 pc. Instruction manual
1 pc. Warranty card

ahn myLab[®]

Refrigerated Centrifuge RC-01

Intuitive control panel - a large, easy-to-use digital display with its bright back-lit LCD panel provides a quick way to view and adjust key operational settings. Neatly arranged one-touch buttons surround the display and make it easy to adjust spin speed and time.

Excellent thermal control - ultra-low temperature settings can cool the rotor chamber down to -20°C with minimum temperature fluctuation ($\pm 4^\circ\text{C}$) even at high speeds. A preset quick-cooling mode lowers the temperature of the rotor chamber to 4°C below ambient in a short time

Brushless DC motor - fine-tuned brushless DC motor provides silent operation at top-notch spin speeds of up to 15000 rpm. The brushless design lowers maintenance costs and gives long lasting performance

Stable operation - rubber feet and the high-tech motor minimise vibrations during centrifugation, keeping the centrifuge stable on the workbench at all times

Universal rotor options - 44-place (22388 x g) and 24-place (21420 x g) rotor options accommodating 1.5mL and 2mL microcentrifuge tubes. Further options are an 8-place (18462 x g) rotor for larger 5mL microcentrifuge tubes and a special PCR strip rotor (15397 x g).

Excellent safety features - a lid-lock safety mechanism prevents access to the rotor while it is spinning. Screw-on rotor lids keep tubes safely anchored in the rotor. A curved body reduces the incidence of injury when users accidentally bump into the centrifuge

Imbalance detection - electronic imbalance detection feature automatically detects load imbalances to protect the rotor and motor from damage

Microprocessor control - electronically controlled features provide unparalleled performance and allow user defined spinning programs



43

15000 rpm



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



CR-15-44

Fix angle rotor for 44x 1.5mL/ 2.0mL MT, 22388 x g

**CR-15-24**

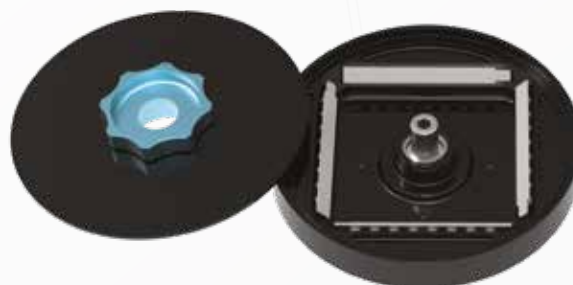
Fix angle rotor for 24x 1.5mL/ 2.0mL MT, 21420 x g

**CR-15-8**

Fix angle rotor for 8x 5.0mL MT, 18462 x g

**CR-15-4**

Fix angle rotor for 4 strips of 8x 0.2mL/ 0.5mL PCR tubes, 15397 x g



Ordering information

Specifications	
Refrigeration Temp. Range	Down to -20°C
Speed Range	500-15000 rpm
Time Settings	30 sec. – 999 min. or infinite
Display	Large Back Lit LCD
Programmable Feature	Up to 99 user-defined programs of 4 lines each
Lid Lock Safety Feature	Yes
Imbalance Detection	Yes
Dimensions (L x W x H)	452 x 314 x 278mm
Weight	43 kg (incl. rotor)

Description	Cat. No.
AHN myLab® RC-01 Refrigerated Centrifuge (without rotor)	7-040-00-0
Fix angle rotor for 44x 1.5mL/ 2.0mL MT, 22388 x g	CR-15-44
Fix angle rotor for 24x 1.5mL/ 2.0mL MT, 21420xg	CR-15-24
Fix angle rotor for 8x 5.0mL MT, 18462 x g	CR-15-8
Fix angle rotor for 4 strips of 8x 0.2mL/ 0.5mL PCR tubes, 15397 x g	CR-15-4

Delivery Package

1 pc. Refrigerated Centrifuge (without rotor)

1 pc. Instruction manual

1 pc. Warranty card

Universal Centrifuge UC-01

Wide range of rotor options guarantee the most versatile scope of application

User-friendly interface - program the device according to your specific needs.

Brushless DC motor technology sustains durability and high performance over many years of use

Adjustable speeds - ranging from 500 to 4500 rpm

Multiple rotor options - with both swing-out and fixed angle rotors

Large digital display - visualises multiple parameters in a clear, comfortable way

9 acceleration and 9 deceleration modes - enabling you to start and stop the device without disturbing fragile samples

Adjustable timer - can be set from 1 to 999 minutes, or the infinite centrifugation mode which has no time limitation

Excellent user safety - thanks to the electronic imbalance detection feature, which is activated by uneven loading of samples

Lid Lock Safety Break - ensures the lid remains closed until the rotor has fully stopped. The Emergency Lid Release only allows you to open the device once electricity supply has been removed

Short spin feature - ensures the ultimate performance for ultra-short centrifugation and pelleting. The stainless steel chamber rotor is fully corrosion-free and easy to clean

Intelligently designed airflow system prevents increase in sample temperature.

Small footprint - uses minimal bench space while offering powerful and efficient centrifugation and maintaining a high performance



45

4500 rpm

Specifications

Speed Range	500 - 4500 rpm / (g) varies per rotor type
Motor Type	Brushless DC motor (BLDC)
Remote Operation	Yes, via USB
Display	Yes, large LED Display
Timer Setting	from 1 to 999 mins or infinite mode
Programmable	Yes, up to 99 programs
Imbalance Detection	Yes
Rotors (optional)	Multiple rotor options (swing-out and fixed angle rotors)
Dimensions (W x D x H)	595 x 436 x 311mm
Weight	23 kg (without rotor)



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



CR-43-100

4 x 100 mL swing rotor
with Bio Safety Cap,
RCF 3164 x g

**CR-43-50**

6 x 50 mL swing rotor with
stainless steel tubes, RCF
3530 x g

**CR-43-15**

16 x 15 mL swing rotor
with stainless steel tubes,
RCF 3485 x g

**CR-43-PL**

2 x microplates swing
rotor, RCF 2355 x g

CR-43-100F

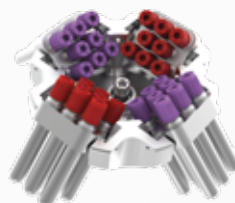
4 x 100 mL fixed angle
rotor, RCF 2559 x g

**CR-43-15F-24**

24 x 15 mL fixed angle
rotor, RCF 2852 x g

**CR-43-15F-16**

16 x 15 mL fixed angle
rotor, RCF 3144 x g

**CR-43-06**

32 x 6 mL swing rotor,
RCF 3164 x g

Ordering information

Description	Cat. No.
AHN myLab® UC-01 Universal Centrifuge 4500 rpm	7-030-00-0
4x100 mL swing rotor with Bio Safety Cap, RCF 3164 x g	CR-43-100
6x50 mL swing rotor with stainless steel tubes	CR-43-50
16x15 mL swing rotor with stainless steel tubes, RCF 3485 x g	CR-43-15
2 x Microplates Swing rotor, RCF 2355 x g	CR-43-PL
4x100 mL Fix angle rotor, RCF 2559 x g	CR-43-100F
24x15 mL Fix angle rotor, RCF 2852 x g	CR-43-15F-24
16x15 mL Fix angle rotor, RCF 3144 x g	CR-43-15F-16
32x6 mL swing rotor, RCF 3164 x g (includes 32x6 mL stainless steel tubes, dia.13mm, length 100mm)	CR-43-06

Important note: Each rotor has a range of optional tube adaptors.
Please contact info@cappahn.com to get the full overview of all adaptors that are available.

Mini Vortex Mixer VT-01

Usage – quick mixing, re-suspension of samples in individual test tubes, up to a diameter of 30mm

Maximum Speed – adjustable up to 4500 rpm

Robust design – brushless DC motor enables maintenance-free and long-lasting operation

Stable operation – through aluminium die cast base, suction cups and inbuilt counter balance system

Very small footprint saves valuable bench space - suitable for use in hoods and cold rooms



47

4500 rpm



Soft silicone cup



Speed knob



Ordering information

Description	Cat. No.
AHN myLab® VT-01 Mini Vortex Mixer 4500 rpm	7-100-00-0

Specifications	
Max. tube diameter	30mm
Orbital diameter	4.5mm
Max. loading capacity	500 g
Press activation	yes
Protection class	IP 43
Dimensions (W x D x H)	100 x 100 x 67mm
Weight	0.55 kg

Delivery Package
1 pc. Mini Vortex Mixer 4500 rpm
1 pc. Power supply adaptor
1 pc. Instruction manual
1 pc. Warranty card



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Vortex Mixer VT-02 | VT-03

Usage – comfortable everyday mixing operations

Maximum Speed – adjustable up to 2800 rpm (7-110-00-0) / 4200 rpm (7-120-00-0)

Comfortable use – selection of different modes (touch, stand-by and continuous), depending on the desired use / smooth and silent operation

Stable operation – inbuilt counter balance system

Digital display (VT-03) - adjustable speed setting with interval of 10rpm and time setting from 0-999 mins / displays speed and time alternatively every 5 seconds

Programmable pulse mode - ON time and OFF time can be individually modified

Multiple applications – optional attachments for micro plate, micro tubes and flask sticker for permissible speed for various attachments

Robust design – brushless DC motor enables maintenance-free and long-lasting operation

Small footprint saves valuable bench space – for use in hoods in the temperature range of 5 to 40°C

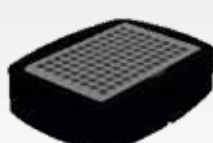


4800 rpm

Optional attachments*



Foam for
microtubes



Foam for
micro plate



Rubber holder
for flask

Ordering information

Description	Cat. No.
AHN myLab® VT-02 Vortex Mixer 2800 rpm	7-110-00-0
AHN myLab® VT-03 Digital Vortex Mixer 4200 rpm	7-120-00-0

Delivery Package
1 pc. Vortex Mixer
1 pc. Power supply adaptor
1 pc. Standard cup head (pre-installed)
1 pc. Rubber disc attachment
1 pc. Instruction manual
1 pc. Warranty card

Specifications

Orbital diameter	4mm
Different modes	touch, continuous
Speed accuracy	± 5.0%
Max. loading capacity	500 g
Protection class	IP21
Power supply	220, 240 VAC, 50 Hz
Dimensions (W x D x H)	205 x 136 x 138.5mm
Weight	3.0 kg

Optional attachments*	Cat. No.
Universal platform	7-110-01-0
Foam for micro tubes*	7-110-02-0
Foam for micro plates*	7-110-03-0
Rubber holder for flask*	7-110-04-0
Round disk attachment	CRV-30XC-RA

* only applicable in combination with the universal platform 7-110-01-0

ahn myLab®

Single Plate Magnetic Stirrer SM-01

Usage - in laboratories, pharmacies and schools, mixing liquid industry

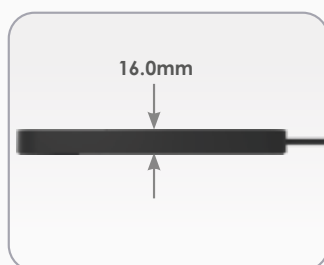
Maximum speed - from 15 to 1500 rpm with an interval of 50 rpm / software-driven gradual acceleration

Time setting - ranging from 1 - 99 minutes / continuous operation feature

Improved mixing - pulse mode where the mixing direction changes every 30 seconds

Maintenance-free design - water spill, corrosion and chemically resistant / includes no moving parts / high-quality stirring bar

User-friendly interface and design - digital display showing the real-time speed and the remaining time / last run memory function / extremely thin (only 16.0mm thick) / flat surface enables easy wiping and cleaning



1500 rpm

Ordering information

Description	Cat. No.
AHN myLab® SM-01 Single Plate Magnetic Stirrer 1500 rpm	7-300-00-0

Optional accessories	Cat. No.
Magnetic stirring bar - PTFE coated, 25 x 8mm	CRS-MAG

Delivery Package
1 pc. Magnetic Stirrer 1500 rpm
1 pc. Stir bar (PTFE coated, 25 x 8mm)
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Max. stirring quantity	800 mL
Recommended stir bar length	25mm
Protection class	IP65
Dimensions (L x W x H)	156 x 110 x 13.2mm
Weight	400 g



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Analogue Magnetic Stirrer SM-02

50

Space efficient - Magnetic stirrer with a compact design that fits perfectly in hoods, cabinets, cold rooms, and space restricted lab spaces.

Large mixing capacity - Handles liquids of various viscosities with a class-leading mixing capacity of up to 10L and a long stir bar (25mm)

Spacious set-up plate - Large set-up plate accommodating a wide range of mixing containers from small beakers to large jars

Powerful DC motor - High-performance DC motor with variable speed control and minimum vibration during operation

Easy cleaning - Closed design with easy to clean surface minimises device maintenance and keeps it in a pristine condition for longer

Robust design - IP 42 compliant design minimises ingress of liquids ($\leq 15^\circ$), and other particulate materials ($\geq 1\text{mm}$) for longer lasting performance.

Portable weight - Compact size and ultra-lightweight design allows easy movement of the magnetic stirrer from one station to another without causing fatigue

Eye-catching colours - Vibrant combination of AHN brand colours for an eye-catching dash of beauty to any work surface



2200 rpm

Ordering information

Description	Cat. No.	Specifications	
AHN myLab® SM-02 Analogue Magnetic Stirrer without heating, 10L	7-300-01-0	Mixing capacity	10 L
Delivery Package 1 pc. Analogue Magnetic Stirrer without heating, 10L 1 pc. Stir bar (PTFE coated, 25 x 8mm) 1 pc. Instruction manual 1 pc. Warranty card		Motor type	DC Motor
		Operating speed	Variable (400 – 2200 rpm)
		Set-up plate dimensions	140 x 140mm
		Device weight	1.5 kg
		Dimension (L x W x H)	230 x 150 x 78mm
		Stir bar length	25mm
		IP class	IP 42

Heated Magnetic Stirrer SM-05 | SM-10 | SM-15

Usage - chemical and pharma industry for mixing and / or heating liquids

Maximum Speed - adjustable speed ranging from 300 to 1500 rpm with an interval of 10 rpm

Multiple capacity options - 5, 10 or 15 flasks

Optimal heating process - heating up to 120°C with homogenous temperature distribution across the plate

Improved mixing - programmable pulse mode where the user can set the time from 30 to 99 seconds for changing the mixing direction

Time setting - ranging from 1 - 999 minutes / continuous operation feature

Operation-friendly design - rubber feet for optimal stability on the bench / waterproof surface which is easy to clean and protects the equipment from accidental spills



1500 rpm

51

Ordering information

Description	Cat. No.
AHN myLab® SM-05 5-plate Heated Magnetic Stirrer 1500 rpm	7-305-00-0
AHN myLab® SM-10 10-plate Heated Magnetic Stirrer 1500 rpm	7-310-00-0
AHN myLab® SM-15 15-plate Heated Magnetic Stirrer 1500 rpm	7-315-00-0

Optional accessories	Cat. No.
Magnetic stirring bar - PTFE coated, 25 x 8mm	CRS-MAG

Specifications			
Number of stirring positions	5	10	15
Max. stirring quantity	400 mL per position		
Recommended stir bar length	25mm		
Protection class	IP42		
Dimensions (W x D x H)	136 x 562 x 75mm	196 x 565 x 75mm	282 x 568 x 76mm
Weight	3.0 kg	5.0 kg	7.0 kg

Delivery Package
1 pc. Heated Magnetic Stirrer 1500 rpm
1 pc. Power cord
1 pc. Reference stirrer bar
1 pc. Instruction manual
1 pc. Warranty card



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Analogue Magnetic Stirrer with Heating SMH-01

52

Usage - mixing reagents in research laboratories, schools and universities, chemical and pharmaceutical companies

High heat capacity - exceptionally high temperature maximum of 320°C with even temperature distribution across the plate surface

Maximum Speed - quiet servo DC motor with granular speed control ranging from 500 rpm to 2200 rpm

Large plate capacity - set-up plate accommodates a range of containers up to a maximum capacity of 10L

Stable operation - even weight distribution and rubberized feet for stable benchtop operation

Space efficient design - lightweight chassis (1.4 kg) and compact size that can fit in space-restricted settings such as hoods, cabinets and cold rooms

Durable material construction - corrosion-resistant, ceramic-coated set-up plates and IP21 compliant design for extended durability



2200 rpm

Ordering information

Description	Cat. No.
AHN myLab® SMH-01 Analogue Magnetic Stirrer with heating 10L	7-300-01-H
Optional accessories	Cat. No.
Magnetic stirring bar – PTFE coated, 25 x 8mm	CRS-MAG
Delivery Package	
1 pc. Analogue Magnetic Stirrer with heating 10L	
1 pc. Stir bar (PTFE coated, 25 x 8mm)	
1 pc. Instruction manual	
1 pc. Warranty card	

Specifications	
Capacity	10 Litres
Motor Type	Servo DC
Temperature Range	Up to 320°C
Variable Speed	500 - 2200 rpm
Set-up plate Dimensions	140 x 140mm
Weight	1.4 kg
Dimension (W x D x H)	248 x 156 x 104mm
Protection Class	IP 21



Usage - the mixing of blood samples and viscous substances

Capacity - 9 x 5 mL tubes

Fixed speed - 30 rpm with an accuracy of ± 2 rpm

Optimal mixing - gentle rocking and rolling movements at a tilt angle of ± 3 degree

Easy maintenance and adjustment - tool free removal and installation of rollers for effortless cleaning and replacing / easy adjustment of spacing to use with different tube diameter

Robust and space-saving design - robust construction for stable operation / small footprint requiring minimum of benchtop space



Tool-free removal and installation of rollers

Ordering information

Description	Cat. No.
AHN myLab® TR-01 Tube Roller 30 rpm	7-200-00-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Roller size	30 x 330mm
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (W x D x H)	475 x 201 x 80mm
Weight	2.0 kg

Delivery Package
1 pc. Tube Roller 30 rpm
1 pc. Power supply adaptor
1 pc. Instruction manual
1 pc. Warranty card



Tube Rotator TR-02

Usage - ideal for the processing of blood samples

Capacity - 16 tubes (4 ESR Tubes and 12 blood collection tubes) with the maximum operational weight capacity of 1.5 kg

Fixed speed - 30 rpm with an accuracy of ± 2 rpm

Optimal mixing - thanks to gentle circular rotations on the fixed plate at the angle of 38 degrees

Robust and space-saving design - robust metal construction with rubber feet for stable operation / compact design requires minimum of bench space

Easy maintenance and adjustment - the disc plate can be easily removed for cleaning and replacing



30 rpm

Ordering information

Description	Cat. No.
AHN myLab® TR-02 Tube Rotator 30 rpm	7-210-00-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (W x D x H)	278 x 183 x 252mm
Weight	1.7 kg

Delivery Package
1 pc. Tube Rotator 30 rpm
1 pc. Power supply adaptor
1 pc. Instruction manual
1 pc. Warranty card

ahn myLab®

Tube Rotator TR-03

Usage - ideal for the processing of blood samples, separating and mixing of liquid and powdered samples

Capacity - 12 x 15 mL and 4 x 50 mL tubes or 22 x 15 mL tubes with the maximum operational weight capacity of 1.0 kg

Fixed speed - 30 rpm with an accuracy of ± 2 rpm

Optimal mixing - circular motion allows gentle but effective mixing

Robust and space-saving design - strong metal construction with rubber feet for stable operation / compact design requires minimum of bench space

Easy maintenance and adjustment - plates can be easily removed and installed for cleaning and replacing



55

30 rpm

Ordering information

Description	Cat. No.
AHN myLab® TR-03 Tube Rotator 30 rpm	7-220-00-0
Plate 22 x 15 mL (included with TR-03)	7-220-02-0

Optional attachments	Cat. No.
Plate 12 x 15 mL + 4 x 50 mL	7-220-01-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.0 kg
Protection class	IP 21
Dimensions (W x D x H)	346 x 185 x 145mm
Weight	2.5 kg



Plate 22 x 15 mL



Plate 12 x 15 mL + 4 x 50 mL

Delivery Package

- 1 pc. Tube Rotator 30 rpm
- 1 pc. Power supply adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card
- 1 pc. Plate 22 x 15 mL



+49(0)3631/65242-0



+49(0)3631/65242-90



info@cappahn.com



www.ahn-bio.de



Distributed by:



ahn

AHN Biotechnologie GmbH

Uthleber Weg 14
99734 Nordhausen
Germany

P: +49(0)3631/65242-0

F: +49(0)3631/65242-90

E: info@cappahn.com

www.ahn-bio.de

